

Specification for Micro Desktop

FORM FACTOR	Micro
MODEL	OptiPlex 3070 Micro (or EQUIVALENT)
PROCESSOR	Intel i5-9500T 9MB /6T/2.2GHz o 3.7GHz / 35W
	Six (6) Cores
RAM	8GB DDR4 2666MHz
HARD DISK DRIVE	M.2 256GB PCIe NVMe Class 35 SSD
VIDEO INTERFACE	Intel Integrated Graphics
NETWORK INTERFACE	100/1000 Mbps Gigabit Ethernet Qualcomm® QCA9377 Dual-band 1x1 802.11ac Wireless with MU-MIMO
BLUETOOTH	Bluetooth 4.1 with Internal Antenna
INPUT / OUTPUT PORTS	6 – USB 3.0 (2 front/ 4 rear) 1 RJ-45, 1 DisplayPort, 1 universal Audio Jack, 1 Line-out 1 HDMI, 1 VGA (optional) 1 P2/Serial or Video port (optional)
MOUSE	Wireless Mouse (include module or dongle if required)
KEYBOARD	Wireless Keyboard (include module or dongle if required)
OPERATING SYSTEM	Windows 10 Professional 64bit (Genuine License)
DRIVERS	Drivers for the operating system
MONITOR 1	22" LCD/LED Monitor (Compatible with the PC)
WARRANTY	1 Year / parts and Labor (Onsite Service and offsite)

Specification for Black and White Printer

Printer	
QUANTITY	1
Printer Type	Monochrome Laser
PRINTING SPEED	Up to 18ppm (A4) First Print less than 8 seconds
PRINT BUFFER (RAM)	32mb
RESOLUTION	600dpi
MONTHLY DUTY CYCLE	Up to 5,000 pages
PAPER FEED	Automatic
PAPER TRAY CAPACITY	150 pages
PAPER CASSETTE SIZE	A4 and A5
INTERFACES	USB 2.0
NETWORK ACCESS	Shareable over LAN through a PC or print server
DRIVERS	All Drivers for: <ul style="list-style-type: none">• Windows 10 Pro

Specification for Layer 2+ Manage Switch

INTERFACES	24 x 1Gb RJ-45 Ports 2x 10Gb sfp+ Uplink Ports (Minimum)
MAX PACKET FORWARDING RATE	Higher than 35 Mpps
FEATURES	Supported features: <ul style="list-style-type: none">• Port-based VLAN• Loopback Detection• WEB UI

Specification for Server

QUANTITY	1
FORM FACTOR	Rack
PROCESSOR	Two (2) Processors
	3.0GHz, 12M Cache (Minimum)
	Octa (8) Cores per processor (Minimum)
HARD DISK BAY	8 x 2.5" SAS/SATA Hard Drive Hot pluggable
RAID CONTROLLER	1 Raid controllers 1 GB Memory (Minimum)
DIMM SLOTS	Minimum 4 DIMM Slots with support of up 32GB for each Slot (Totaling 128 GB)
RAM	64GB (32GB x 2) (Motherboard must support at least 128 GB of RAM)
HARD DISK DRIVE	Minimum 4 x 1.0TB SAS/SATA Hard drive Configured for Raid 5
NETWORK INTERFACE	At least 2x 100/1000 Mbps Gigabit Ethernet
POWER SUPPLY	At least 2 Power supplies (Active / Active) Hot pluggable and full redundancy. Power Cables
OPERATING SYSTEM	Genuine Windows Data Center Edition 2016 or Above
WARRANTY	1 Year / parts and Labor (Onsite Service and offsite)

Specification for Server Rack

RACK HEIGHT	24 U
RACK TYPE	Enclosure
DEPTH	Greater than 28 inches
FEATURES	Lockable front and rear doors Lockable and removable side panels Front and rear pairs of vertical rails with numbered square mounting holes (Adjustable in approximately quarter-inch increments) Top and bottom panel cable access openings Grounding Lug (front and back)
OTHER ITEMS	40 m6 screws 40 m6 cage nuts 40 m6 washers 4 Casters 4 Levelers 2 Keys 1 Power distribution Unit (6 sockets)

